

Dr. Christos Lampropoulos

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Career Summary

Experienced physical-inorganic chemist (M.Sc. and Ph.D.), expert in materials characterization and quality control, materials for quantum computing, spintronics, and sensors. Management / leadership experience for 15 years in academia and industry, with extensive success record. Expert in building / leading successful diverse interdisciplinary teams. 5+ years experience with federal/non-profit funding (inception, proposal, execution, reporting). Personal attributes: adaptive, hardworking, self-motivated, team player, critical thinker, problem solver, personable.

Professional Experience

08/2011-present	Associate Professor of Chemistry, University of North Florida, Jacksonville
01/2014-01/2016	Founding Partner and CEO of Lamp Light Technologies LLC
08/2011-08/2016	Assistant Professor of Chemistry, University of North Florida, Jacksonville
05/2013-08/2013	Visiting Assistant Professor of Chemistry, University of Cyprus, Cyprus
07/2010-08/2011	Post-Doctoral Research Fellow, University of Patras, Greece
11/2009-07/2010	Chief of Information Technology, Hellenic Army Aviation Airport, Greece
08/1999-05/2004	Marketing director, GreekChicago.com (now Ellas TV)

Academic Background

08/2004-05/2009	<u>Ph.D. in Physical-Inorganic/Materials Chemistry</u> , University of Florida, Supervisor: Prof. George Christou
08/2004-12/2007	<u>M.Sc. in Chemistry</u> , University of Florida, Supervisor: Prof. George Christou
08/1999-05/2004	<u>B.A. in Chemistry with Honors</u> , University of Illinois at Chicago.

Highlights of Academic Career at the University of North Florida

- External grants total: \$591,728 (NSF and non-profit); Internal funds total: ~\$250,000
- Peer Reviewed Papers: 18 (40 career total); Presentations in conferences: 63
- Awards: Teaching award, Award for diversity and inclusion (Susan B. Anthony award).
- Research group alumni: 36 students, 3 visiting students, 2 post-docs/visiting faculty.
- Teaching: general, inorganic, materials chemistry courses and labs.
- Research: materials for quantum computing, spintronics, sensors, and energy applications.
- Administration: member and/or chair of major university committees.
- Member of international scientific committees, focus groups, advisory/consulting groups.

Highlights from Executive Experience in the Industry

- *As founder and CEO of Lamp Light Technologies*
 - I worked with the CTO on designing a device for porous materials characterization.
 - I conducted market analysis and identified the need for this technology.
 - I established strategic partnerships with academics in the synthesis and characterization of porous materials area for design improvements, model device trials, and feedback.

- **As director of marketing and member of the executive board of GreekChicago.com Inc.**
 - I lead the efforts for the creation of “Greek cities” network (i.e. GreekNewYork.com etc).
 - I provided consultation to clients about Internet advertising and social media (early days).
 - I positioned the company well for an eventual acquisition/merger with Ellas TV.

Qualifications and Skills

- **Management Experience**
 - 15 years of managerial experience in academia and the industry
 - Effective concurrent management of different projects and reporting of results/outcomes.
 - Leadership of a large diverse group of researchers, staff, and collaborators.
 - Root Cause Analysis (RCA) for enhancing efficiency in the use of materials, time, and cost.
 - Writing and submitting scientific papers, reports, and research proposals/white papers.
 - Delivering oral reports and presenting data/results to diverse audiences.
- **Technical Expertise**
 - Expert in materials characterization (qualitative and quantitative analysis) with a large suite of techniques including *TG/DTG*, *DTA*, *DSC*, electrochemistry, magnetometry, *IR*, *Raman*, *UV/VIS*, *Mössbauer*, *EPR*, *HFEP*, *NMR*, *Mass-spec*, *SEM / EDS*, and elemental analysis.
 - Multi-year experience in Chemical Safety and Chemical Waste Management.
 - X-ray Crystallography (collection and analysis of single-crystal X-ray diffraction data).
 - Synthesis-purification-crystallization of materials (solvothermal / Schlenk line / glove box).
 - Multi-year hands-on experience in maintenance of major instruments.
 - Expert in molecular modeling software (*2D/3D*), statistical and data-processing software (Excel, *ORIGIN*, *SigmaPlot*), graphic design and web design software.
 - Expert user of the Microsoft Office suite (Word, Excel, Powerpoint, Outlook etc.).
- **Languages**
 - English (bilingual, fluent, expert professional and technical writer)
 - Greek (native, fluent, able to translate to English, expert professional and technical writer)
 - German (basic knowledge)
 - French (basic knowledge)

Selected Publications (of 40 career total)

- *Inorg. Chem.* **2017**, 56, 14755. DOI: [10.1021/acs.inorgchem.7b02640](https://doi.org/10.1021/acs.inorgchem.7b02640)
- *Inorg. Chem.* **2016**, 55, 1367. DOI: [10.1021/acs.inorgchem.6b00058](https://doi.org/10.1021/acs.inorgchem.6b00058)
- *Polyhedron* **2013**, 53, 62. DOI: [10.1016/j.poly.2013.01.017](https://doi.org/10.1016/j.poly.2013.01.017)
- *Phys. Rev. Lett.* **2013**, 110, 087205. DOI: [10.1103/PhysRevLett.110.087205](https://doi.org/10.1103/PhysRevLett.110.087205)
- *Inorg. Chem.* **2013**, 52, 258. DOI: [10.1021/ic301764t](https://doi.org/10.1021/ic301764t)
- *J. Am. Chem. Soc.* **2010**, 132, 16146. DOI: [10.1021/ja106666h](https://doi.org/10.1021/ja106666h)
- *Nanotechnology* **2010**, 21, 405504. DOI: [10.1088/0957-4484/21/40/405504](https://doi.org/10.1088/0957-4484/21/40/405504)
- *Inorg. Chem.* **2010**, 49, 1325. DOI: [10.1021/ic901480y](https://doi.org/10.1021/ic901480y)
- *Chem.Phys.Chem.* **2009**, 10, 2397. DOI: [10.1002/cphc.200900420](https://doi.org/10.1002/cphc.200900420)
- *Phys. Rev. B* **2009**, 80, 094408. DOI: [10.1103/PhysRevB.80.094408](https://doi.org/10.1103/PhysRevB.80.094408)
- *Polyhedron* **2007**, 26, 2320. DOI: [10.1016/j.poly.2006.11.039](https://doi.org/10.1016/j.poly.2006.11.039)